

## Abstract of the Disclosure

A method and system for screening out empirically data collected from various steps of a technical process operating based on a first set of parameters, by utilizing a screening algorithm to reduce the size of the empirical data set, thus improving the modeling and revising of the technical process. The algorithm utilizes various classes associated with the empirical values and within each class performs an assessment with respect to preselected threshold values. The algorithm also performs an assessment with respect to another preselected threshold value, for the class as a whole.